

Patent
Serial No. C9/944,306
Amendment in Reply to Office Action of September 1, 2005

REMARKS/ARGUMENTS

This Amendment is being filed in response to the Office Action dated September 1, 2005. Reconsideration and allowance of the application in view of the amendments made above and the remarks to follow are respectfully requested.

Claims 1-13 were pending in the Application. Claims 14-18 are added by this amendment. By means of the present amendment, the claims have been amended for better conformance to U.S. practice, such as deleting reference numerals typically used in European practice that are known to not limit the scope of the claims.

In the Office Action, Claims 1-3, 5-8 and 11-13 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over U.S. Patent No. 5,683,432 to Goedeke ("Goedeke") in view of U.S. Patent No. 6,363,101 to Sudo ("Sudo"). Claim 4 is rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Goedeke in view of Sudo in view of U.S. Patent Publication No. 2001/0041594 to Arazi ("Arazi"). Claims 9-10 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Goedeke in view of Sudo in view of U.S. Patent No. 5,724,265 to Hutchings ("Hutchings").

Goedeke shows a communication system 150 and 170 (see, FIGs. 6 and 7) that utilizes a pseudo-random clock generator 152 in a

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receiver 150 that perturbs (varies) the time intervals of a clock 150 to generate a separation between pulses of the clock that is utilized to identify the transmitting channel. The timing of the pulses is varied further by a variable delay 156 initiated by INFORMATION IN that is the data carried by a transmitted signal (see, Col. 22, lines 41-62). A replica of the transmitted signal is generated at a receiver through use of a corresponding pseudo-random code generator 176 and baseband clock generator 174 that are utilized to capture the signal generated by the particular transmitter 150. The variations in the timing signal from those generated and recovered by the pseudo-random clock generators 152, 176, namely the variations introduced by INFORMATION IN, are recovered at the receiver (see, Col. 23, lines 8-27).

Sudo is merely cited for showing a power saving feature.

The data transmission system of Claim 1 (currently amended) is not unpatentable over Goedeke in view of Sudo. For example, Goedeke in view of Sudo does not disclose or suggest, a transmission system, that amongst other patentable elements, comprises (illustrative emphasis provided) "wherein at least one of the data bursts [from the transmitter] includes data that is utilized by the pseudo-random signal generator of the receiver to

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synchronize the pseudo-random signal generator of the receiver to the pseudo-random signal generator of the transmitter" as required by Claim 1.

Based on the foregoing, the Applicant respectfully submits that independent Claim 1 is patentable over Goedeke in view of Sudo and notice to this effect is earnestly solicited. Claims 2-18 depend from Claim 1 and accordingly are allowable for at least this reason as well as for the separately patentable elements contained in each of said claims. Accordingly, separate consideration of each of the dependent claims is respectfully requested.

Arazi is cited for indicating that maximal length feedback shift registers are known. Applicant has never alleged that he invented a maximal length feedback shift register. Nonetheless, Goedeke in view of Sudo in view of Arazi does not disclose or suggest "where the data [sent by the transmitter] comprises data bits that are utilized to update a sequence of each maximal length feedback shift register" as required by Claim 4. Goedeke in view of Sudo also illustratively does not disclose or suggest:

wherein the header section for a sub-set of the data bursts comprises a sequence which is unique compared to the header section

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and data section of the data bursts other than the sub-set of the data bursts as required by Claim 5;

wherein the header section for a sub-set of the data bursts comprises the data that modifies a sequence of the pseudo-random signal generator of the receiver and thereby, modifies a time period to the next message as required by Claim 6; and

wherein the address data is used in combination with a current output from the pseudo-random signal generator of the transmitter to generate a modified pseudo random sequence output by each of the pseudo-random signal generators as required by Claim 8, it is respectfully noted that the INFORMATION IN of the transmitter of Goedeke does not modify the output of the pseudo-random clocks.

Further new Claims 12-18 also requires elements that are not disclosed or suggested by any combination of the cited prior art including Goedeke, Sudo, Arazi, and Hutchings.

It is believed that no additional fees or charges are currently due for entrance of the accompanying amendment. However, in the event that any additional fees or charges are required for entrance of the accompanying amendment, they may be charged to Applicants' representatives Deposit Account No. 50-3649. In addition, please credit any overpayments related to any fees paid

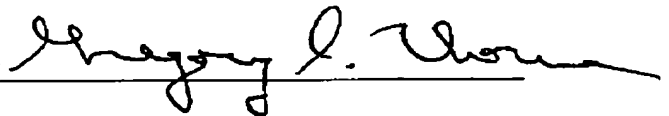
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in connection with the accompanying amendment to Deposit Account No. 50-3649.

In addition, Applicant denies any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicant reserves the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

Applicant has made a diligent and sincere effort to place this application in condition for immediate allowance and notice to this effect is earnestly solicited.

Respectfully submitted,

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